

WHAT IS CLAIMED IS:

1. A polarizing plate comprising a polarizer, wherein all surfaces and sides of the polarizer are covered with low moisture-permeable layers having moisture permeability of  $310 \text{ g/m}^2 \cdot 24\text{h}$  or less.
2. The polarizing plate according to claim 1, wherein a rate of change in dimension of the polarizer in a uniaxially stretching direction is  $\pm 0.1\%$  or less after the polarizer is left at a temperature of  $60^\circ\text{C}$  and humidity of 95% for 100 hours.
3. The polarizing plate according to claim 1, wherein the polarizing plate is formed into a size of  $90 \text{ mm} \times 90 \text{ mm}$  and attached to a plastic cell having a size of  $100 \text{ mm} \times 100 \text{ mm}$  and a thickness of  $400 \mu\text{m}$ , the plastic cell comprising at least one selected from the group of a thermoplastic resin and a thermosetting resin, and when the cell is left at a temperature of  $60^\circ\text{C}$  and humidity of 95% for 100 hours, an amount of warping at each of four corners of the cell is  $\pm 3.0 \text{ mm}$  or less.
4. The polarizing plate according to claim 3, wherein the thermoplastic resin comprises at least one selected from the group consisting of polycarbonate, polyallylate, polyether sulfone, polysulfone, polyester, polymethyl methacrylate, polyetherimide and polyamide.
5. The polarizing plate according to claim 3, wherein the thermosetting resin comprises at least one selected from the group consisting of epoxy resin, unsaturated polyester, polydiallyl phthalate and polyisobonyl methacrylate.
6. The polarizing plate according to claim 1, further comprising at least one selected from the group of a reflector and a transreflector attached to the polarizing plate.
7. The polarizing plate according to claim 1, further comprising at least one selected from the group of a retardation plate and a  $\lambda$  plate attached to the polarizing plate.
8. The polarizing plate according to claim 1, further comprising a

viewing angle compensating film attached to the polarizing plate.

9. The polarizing plate according to claim 1, further comprising a brightness-enhanced film attached to the polarizing plate.

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10. A liquid crystal display comprising: a liquid crystal cell having a first side and a second side; and a polarizer having all surfaces and sides covered with low moisture-permeable layers having moisture permeability of  $310 \text{ g/m}^2 \cdot 24\text{h}$  or less; the polarizer attached to at least one side of the liquid crystal cell.

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11. The liquid crystal display according to claim 10, wherein a rate of change in dimension of the polarizer in a uniaxially stretching direction is  $\pm 0.1\%$  or less after the polarizer is left at a temperature of  $60^\circ\text{C}$  and humidity of 95% for 100 hours.

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12. The liquid crystal display according to claim 10, wherein the polarizing plate is formed into a size of  $90 \text{ mm} \times 90 \text{ mm}$  and attached to a plastic cell having a size of  $100 \text{ mm} \times 100 \text{ mm}$  and a thickness of  $400 \mu\text{m}$ , the plastic cell comprising at least one selected from the group of a thermoplastic resin and a thermosetting resin, such that when the cell is left at a temperature of  $60^\circ\text{C}$  and humidity of 95% for 100 hours, an amount of warping at each of four corners of the cell is  $\pm 3.0 \text{ mm}$  or less.

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13. The liquid crystal display according to claim 12, wherein the thermoplastic resin comprises at least one selected from the group of polycarbonate, polyallylate, polyether sulfone, polysulfone, polyester, polymethyl methacrylate, polyetherimide and polyamide.

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14. The liquid crystal display according to claim 12, wherein the thermosetting resin is at least one selected from the group of epoxy resin, unsaturated polyester, polydiallyl phthalate and polyisobonyl methacrylate.

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15. The liquid crystal display according to claim 10, wherein at least one of a reflector and a transreflector is attached to the polarizing plate.

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16. The liquid crystal display according to claim 10, wherein at least one

of a retardation plate and a  $\lambda$  plate is attached to the polarizing plate.

17. The liquid crystal display according to claim 10, wherein a viewing angle compensating film is attached to the polarizing plate.

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18. The liquid crystal display according to claim 10, wherein a brightness-enhanced film is attached to the polarizing plate.

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